

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An injection mold inner core die comprising:
a window mold member projecting from a surface of the inner core die and configured to define a window in an interior wall of a piece being molded by the die, wherein the window mold member comprises a first ramp that is configured to separate the interior wall of the piece being molded from the surface when the molded piece and inner core die are separated.

Claim 2 (original): The injection mold inner core die, as in claim 1, wherein the window mold member has a flat top.

Claim 3 (currently amended): The injection mold inner core die, as in claim 1, wherein the window mold member further comprises a second ramp, the first and second ramps providing a pair of ramps which slope outwardly from the surface of the inner core die.

Claim 4 (original): The injection mold inner core die, as in claim 3, wherein the ramps are generally parallel.

Claim 5 (original): The injection mold inner core die, as in claim 3, wherein the ramps run from the surface to a flat top.

Claim 6 (original): The injection mold inner core die, as in claim 1, wherein the window mold member is made of metal.

Claim 7 (currently amended): The injection mold inner core die, as in claim 3 [[1]], wherein the pair of ramps are located on an end of the window mold member which is opposite a

direction of motion of the piece being molded with respect to the inner core die when the molded piece is separated from the inner core die.

Claim 8 (currently amended): The injection mold inner core die, as in claim 3[[1]], wherein the window mold member comprises a boss disposed between the ramps to facilitate separation of the interior wall from the surface.

Claim 9 (original): The injection mold inner core die, as in claim 8, wherein the boss is configured as a half-sphere attached to the surface.

Claim 10 (original): The injection mold inner core die, as in claim 8, wherein the boss is positioned between parallel ramps.

Claim 11 (original): The injection mold inner core die, as in claim 8, wherein the boss is configured as an incline plane.

Claim 12 (original): The injection mold inner core die, as in claim 1, further comprising a plurality of window mold members configured to form a plurality of windows.

Claim 13 (original): An injection mold inner core die comprising:
a window mold member projecting from a surface of the inner core die and configured to define a window in an interior wall of a piece being molded by the die, wherein the window mold member is configured with at least two parallel ramps connected to the window mold member.

Claim 14 (original): The injection mold inner core die, as in claim 13, wherein the window mold member has a flat top.

Claim 15 (original): The injection mold inner core die, as in claim 14, wherein the ramps run from the surface to the flat top.

Claim 16 (original): The injection mold inner core die, as in claim 13, further comprising a boss positioned between the ramps.

Claim 17 (original): The injection mold inner core die, as in claim 13, wherein the inner core die has inverted corners.

Claim 18 (original): The injection mold inner core die, as in claim 13, wherein the inner core die is rectangular in shape.

Claim 19 (original): The injection mold inner core die, as in claim 13, wherein a plurality of window mold members are disposed on the surface.

Claim 20 (original): An airbag injection mold inner core die, comprising:
a back connected to an injection mold;
a front,
one or more sides to connect the front to the back,
a window mold member disposed on a side and configured to form a window within a wall of a molded airbag cover; and
a pair of ramps connected to the window mold member and configured to slope from the front toward the back.

Claim 21 (original): An airbag injection mold inner core die, as in claim 20, further comprising a plurality of window mold members disposed on each side.

Claim 22 (original): An airbag injection mold inner core die, as in claim 21, further comprising a boss connected to the side and positioned between the ramps.

Claim 23 (original): An airbag injection mold inner core die, as in claim 22, wherein one side meets another to form a concave corner.

Claim 24 (withdrawn): A method for fabricating an airbag cover comprising openings disposed within an interior wall, comprising:

providing an airbag injection mold comprising an inner core die configured with a front connected to four sides which are connected to a back, wherein one or more window mold members are disposed on the sides, and wherein the window mold members comprise a pair of ramps and a boss connected to the window mold members at a point closest to the back;

injecting a liquid airbag cover material into the mold;

cooling the liquid airbag cover material to form a pliable rigid airbag cover;

raising the inner core die from an outer core die such that the airbag cover remains secured to the inner core die;

separating the airbag cover from the inner core die.

Claim 25 (withdrawn): A method as in claim 24, wherein separating comprises holding the inner core stationary while moving the airbag cover away from the inner core.

Claim 26 (withdrawn): A method as in claim 24, wherein separating comprises moving the inner core in a first direction while moving the airbag cover in a second direction.

Claim 27 (withdrawn): A method as in claim 24, wherein the four sides connect to each other to form inverted corners.

Claim 28 (withdrawn): A method as in claim 24, wherein the inner core is rectangular shaped.

Claim 29 (new): An injection mold inner core die, comprising:

a window mold means projecting from a surface of the inner core die for defining a window in an interior wall of a piece being molded by the die, wherein the window mold means includes means for separating the interior wall of the piece being molded from the surface when the molded piece and inner core die are separated.